

DART SERVICE INSTRUCTION

TO AMEND IIN-D412-702-3 REV. A
AND ICA-D412-702 REV. 4 OR EARLIER
REF CANADIAN STC: SH04-7
REF FAA STC: SR01997NY
REF EASA STC: EASA.IM.R.S.00710

1.0 PURPOSE

THE PURPOSE OF THIS SERVICE INSTRUCTION IS TO ADD THE D412-702-073 KIT FOR AIRCRAFT MODIFIED WITH 204 SEATS PER TCCA STC SH97-38, FAA STC SR01006NY/ SR01007NY (REF DART P/N D412-712-011).

THE D4305-043 HARNESS USED IN THE D412-702-073 KIT HAS A LONGER CABLE THAN THE D4305-041 HARNESS USED IN THE D412-702-071 KIT.

2.0 PARTS LIST

QTY -073	P/N	DESCRIPTION
X	D412-702-073	PILOT/CO-PILOT SHOULDER HARNESS KIT
1	D4305-043	SHOULDER HARNESS
4	AN3-4A	BOLT
2	AN4-6A	BOLT
2	AN3-10A	BOLT
6	MS21042L3	NUT
2	MS21042L4	NUT
10	NAS1149D0332J	WASHER
6	NAS1149D0363J	WASHER
4	NAS1149D0432J	WASHER
4	NAS1149D0463J	WASHER




3.0 WEIGHT AND BALANCE

INSTALLATION	WEIGHT	LATERAL		LONGITUDINAL	
		ARM	MOMENT	ARM	MOMENT
D412-702-073, PILOT/CO-PILOT SHOULDER HARNESS KIT	-2.6 lbs -1.2 kg	+/-22.0 in +/-0.56 m	-57.2 in-lb -0.67 m-kg	47.0 in 1.19 m	-122.2 in-lb -1.43 m-kg

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED
BY: 
D. SHEPHERD (DE # 02)

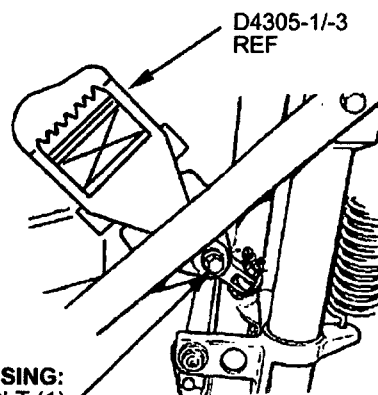
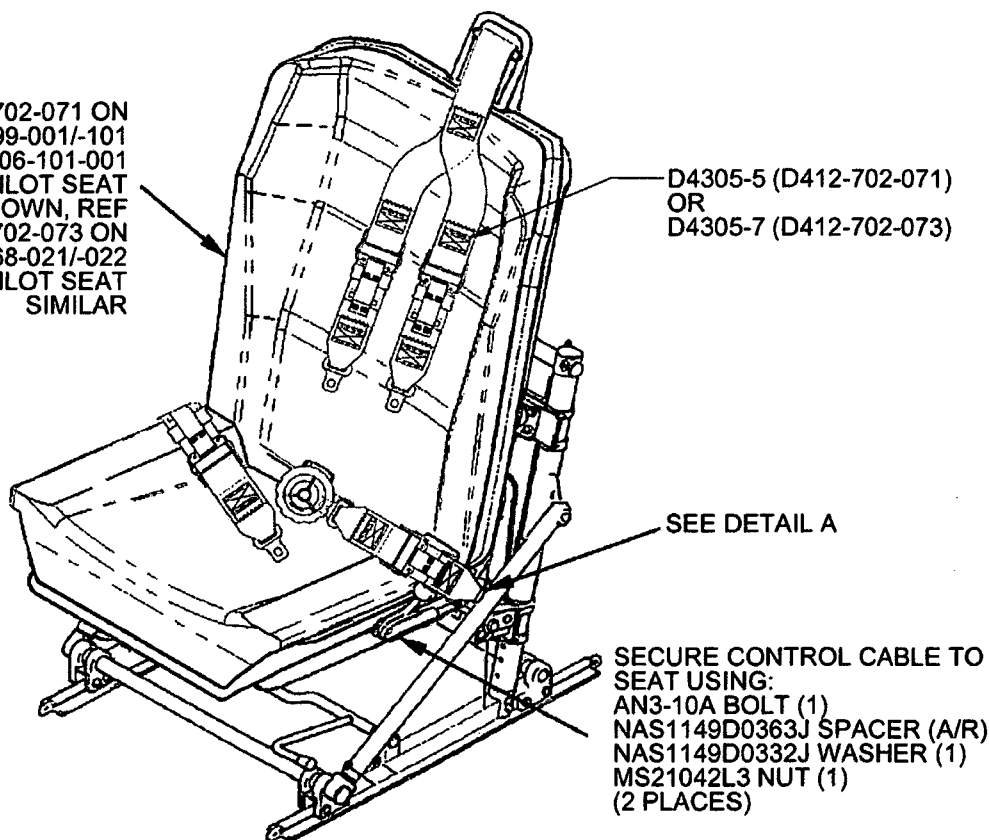
DATE: 13.02.01
CERT. NO.: SH04-7
ISSUE NO.: 3

A	NEW ISSUE	SFM	13.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SFM		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9642	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		NEW PILOT/CO-PILOT SHOULDER HARNESS	NTS
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4.0 INSTALLATION

INSTALLATION OF D412-702-073 IS THE SAME AS D412-702-071 EXCEPT AS SHOWN BELOW:
REF FIGURE 2. OF IIN-D412-702-3
REF FIGURE 25.18 OF ICA D412-702

INSTALL D412-702-071 ON
205-070-799-001/-101
OR 212-706-101-001
PILOT/CO-PILOT SEAT
SHOWN, REF
INSTALL D412-702-073 ON
204-070-468-021/-022
PILOT/CO-PILOT SEAT
SIMILAR



INSTALL LAP BELTS USING:
AN4-6A BOLT (1)
NAS1149D0463J SPACER (2)
NAS1149D0432J WASHER (2)
MS21042L4 NUT (1)
(BOTH SIDES)

DETAIL A

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED

BY: *[Signature]*
D. SHEPHERD (DE # 02)

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DESIGN	RP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	SEM		
CHECKED	<i>[Signature]</i>	DRAWING NO. DSI 9642	REV. A
MFG. APPR.	N/A	SHEET 2 OF 2	
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	NEW PILOT/CO-PILOT SHOULDER HARNESS	NTS
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